

Aurora UPS 1000VA - Li-Ion Battery

Reliable power protection with high-performance battery backup and extended lifespan

- **Maximum protection, minimal downtime**

The Aurora Line-Interactive UPS from Eaton is the ideal and affordable solution for protecting critical applications from downtime, data loss, and interruption caused by power fluctuations and outages.

- **Reliable resolution for unreliable voltage**

Double Boost & Buck Automatic Voltage Regulation provides wide input voltage and frequency ranges (up to 140-300V & >40Hz) for wider suitability in India and protects against unstable supply voltage

- **Lithium-ion provides more power, low risk**

Li-Ion Battery provides safety, increased life, and higher backup compared to conventional VRLA batteries. Fixed input cord allows for easy installation and ensures greater security.

- **Easy to use, easier to maintain**

The plug & play option with India outlets enables easy equipment connection. Key features like quick-charging capability, zero maintenance, and easy installation - on or under a desk - make it very user-friendly.

- **Auto-controlled power management**

Designed for IT applications requiring standard power backup time, the Aurora features a microprocessor controller for managing power. The microprocessor-controlled design ensures overload protection with timely alerts and protects UPS from damage.



Product Snapshot

Power Rating: 600W/1000VA

Configuration: Tower

Voltage: 230V

Frequency: 50 Hz

Technology: High-frequency Line-interactive

Feature Overview

- Li-ion battery enables Quick Charging, increased life, and zero maintenance
- Lithium-ion batteries come with a battery management system (BMS) that provides continuous monitoring of the state of health and charge.
- Microprocessor controller design assures maximum reliability and stability
- Double Boost & Buck voltage regulation provides stabilized output
- Stepped sine wave provides high efficiency
- Wide input-voltage range appropriate for the harshest electrical environments
- Up to 4 India type 5A output receptacles
- Auto-restart function
- Cold start on battery power allows portable power
- Compact design is perfect for placement on or under a desk



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Functionality Overview

Line-Interactive topology

This topology guarantees consistent reliability and a high-level of power quality. Irrespective of the supply disturbances, the output waveform is stabilized via double boost and buck mode. The battery is used only as a backup source.

High performance and reliability

Aurora features a microprocessor controller that delivers modified sine wave output offering the highest levels of reliability and efficiency, all in a compact design.

Wide Input-voltage range

Aurora has a very wide input voltage range of 140-300V, which reduces the number of transfers to battery power.

Cold start on battery power

This function ensures a trouble-free start-up of all connected applications, even during a utility power outage.

Auto-restart function

When AC power is back, the UPS automatically restarts without user intervention.

Overload protection

Alerts the user and prevents the UPS from being damaged

Technical Specifications

Model Name	1000VA LI UPS Li-ion Battery
Output Power Capacity	600 Watts / 1000 VA
Technology	Line Interactive with Microprocessor Controlled Design
Battery mode waveform	Stepped sine wave

Input /Output

Nominal Output Voltage	230Vac 1 phase
Nominal Input Voltage	230Vac 1 phase
Input voltage range for main operations	140 -300Vac
Input Power Factor	0.98
Overload	110%+/-10%; Go to fault mode after 5 minutes. 120%+/-20%; Go to fault mode immediately
Input Frequency and Frequency Range	>40Hz (Auto sensing)
Efficiency	Line Mode: (> 95% load)
Output Voltage on Batt	230 +/- 10%
Input Connection	India 3-pin 10A 250 V
Output Receptacles	(4) India 2/3-pin 6A
Transfer time (batt to online)	8.0 ms
Transfer time (online to batt)	8.0 ms

User Interface

Visuals	Line Mode: Green LED Flashing, Battery Mode: Yellow LED Flashing Fault: Red LED Flashing
Control Button	One Button for ON/OFF

Battery

Battery Quantity	1x24V, 3AH/6AH
Batt Type	Li-Ion
Re-charge time to 90% capacity	2 hours
Battery Backup Time* (At a PC load approx. 110W)	30 minutes / 1 hour
Battery Connection	Internal Battery
Start-On -Batt	UPS can be started without being connected to AC power utility

Environment

Operating temperature	0°C ~ 40 °C
Storage Temperature	-15°C ~ 40 °C
Humidity	0 ~ 90%
Noise Level	< 40 dB

Dimensions & Weights W x H x D mm

Mechanical dimension W*H*D mm (unit)	342 x 133 x 180
Net weight (kg)-Unit	7.25 kg
Noise Level	< 40 dB

* Battery backup times are approximate and may vary with equipment, onfiguration, battery age, temp etc.

India Head Office